

## EAST Search History

Ref #	Hits	Search Query <i>gm</i>	DBs <i>gm</i>	Default Operator	Plurals	Time Stamp <i>gm</i>
S1	2	((("5889820") or ("6205223"))).PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 09:49
S6	1210	cirrus.as.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 10:57
S8	3	("5497152"   "5786778"   "5892468").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 10:59
S7	2	cirrus.as. and aes3	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:00
S9	0	cirrus.as. and encod\$4 and decod\$4 and cyrstal	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:01
S11	1167	(cirrus near3 logic\$1).as.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:02
S10	332	cirrus.as. and encod\$4 and decod\$4	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:02
S4	42	cirrus.as. and s\$1pdf	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:04
S14	179	S13 and "370"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:06
S16	22	("4052558"   "4242755"   "4308423"   "4603429"   "4745626"   "4748669"   "4841572"   "4866774"   "4992790"   "5026051"   "5046097"   "5052685"   "5105462"   "5163067"   "5208860"   "5371799"   "5404362"   "5412731"   "5436975"   "5459765"   "5598446"   "5671258").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 11:36
S17	10	("4377859"   "5222081"   "5374916"   "5467087"   "5491771"   "5499293"   "5553271"   "5594660"   "5784544"   "5832120").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 11:39
S20	69	cirrus.as. and codec	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:44
S18	5	cirrus.as. and Melanson.in. and codec	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 11:44

## EAST Search History

S22	676	crystal.as.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:08
S2	37	cirrus.as. and (digital\$1 near3 audio\$1 near3 transmit\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:09
S25	1	("6691131").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:35
S26	25580	i\$1s and audio\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:36
S23	3	S22 and (digital\$1 near3 audio\$1 near3 transmit\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:36
S27	2	10/646,833	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:37
S31	18	("I.sup.2S").bsum. and audio\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:38
S13	1207	(s\$1pdf aes3 spi) and (codec (encod\$4 and decod\$4)) and (clock\$4 synchroniz\$4 tim\$4) and (audio voice\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:42
S33	124	"I.sup.2S" and (codec (encod\$4 and decod\$4)) and (clock\$4 synchroniz\$4 tim\$4) and (audio voice\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 14:43
S35	64	"I.sup.2S" and audio\$1 and codec	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 16:22
S28	168	"I.sup.2S" and audio\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/13 16:22
S39	3	TRAN-SANG.in.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 11:05
S38	3	broadcom.as. and (audio and synchroniz\$4).clm.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 11:05
S41	2	10/646833	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 11:15
S40	0	KLINGLER-KEITH.in.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 11:15

## EAST Search History

S43	74405	"32" near3 bit\$1	US-PGPUB; USPAT	OR	OFF	2007/04/17 16:10
S42	24	(US-20030195645-\$ or US-20040062267-\$ or US-20030223409-\$ or US-20020136241-\$ or US-20030067402-\$ or US-20020080869-\$ or US-20040080671-\$).did. or (US-6373954-\$ or US-6757302-\$ or US-6584108-\$ or US-6529550-\$ or US-6327272-\$ or US-6310652-\$ or US-5995512-\$ or US-5970069-\$ or US-6816750-\$ or US-6369855-\$ or US-5487067-\$ or US-5287352-\$ or US-5815634-\$ or US-7131004-\$ or US-7058133-\$ or US-7088398-\$ or US-6952621-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/04/17 16:10
S44	19	S42 and S43	US-PGPUB; USPAT	OR	OFF	2007/04/17 16:39
S12	1874	(s\$1pdf aes3 spi) and (codec (encod\$4 and decod\$4)) and (clock\$4 synchroniz\$4 tim\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 16:40
S48	711	((version\$1 near3 number\$1) (audio\$1 near3 stream\$1 near3 (id identificat\$4)) (audio near3 sampl\$4 near3 rate\$1) (audio near3 format\$1) (sampl\$4 near3 width\$1)) near3 (header\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/17 16:41
S47	1072	(codec (encod\$4 and decod\$4)) same S45	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 16:41
S46	5388	(codec (encod\$4 and decod\$4)) and S45	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 16:41
S45	11190	((version\$1 near3 number\$1) (audio\$1 near3 stream\$1 near3 (id identificat\$4)) (audio near3 sampl\$4 near3 rate\$1) (audio near3 format\$1) (sampl\$4 near3 width\$1)) near3 (format\$1 mode\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/17 16:43
S49	22	(codec (encod\$4 and decod\$4)) same S48	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 16:44
S54	108	(codec (encod\$4 and decod\$4)) and S53	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 16:46
S53	119	audio\$1 near3 stream\$1 near3 (id identificat\$4) near3 (header\$1 control\$4)	US-PGPUB; USPAT	OR	OFF	2007/04/17 16:46

## EAST Search History

S52	2	audio\$1 near3 stream\$1 near3 (id identificat\$4) near3 (header\$1 control\$4) near3 (receipt\$4 receiver\$4)	US-PGPUB; USPAT	OR	OFF	2007/04/17 16:46
S51	108	(codec (encod\$4 and decod\$4)) and S50	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 16:46
S55	93	(audio near3 (codec (encod\$4 and decod\$4))) and S53	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 16:47
S58	0	S42 and S57	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:10
S57	535	audio\$1 near3 stream\$1 near3 (id identificat\$4)	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:10
S56	0	S53 and S42	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 17:10
S50	119	audio\$1 near3 stream\$1 near3 (id identificat\$4) near3 (header\$1 control\$4)	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:10
S60	0	(reciver\$1 recipient\$) near3 audio\$1 near3 stream\$1 near3 (id identificat\$4 number\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:11
S62	0	(recive\$4) near3 audio\$1 near3 stream\$1 near3 (id identificat\$4)	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:12
S59	0	(reciver\$1 recipient\$) near3 audio\$1 near3 stream\$1 near3 (id identificat\$4)	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:12
S63	41	(receiver\$1 recipient\$) near10 audio\$1 near10 stream\$1 near10 (id identificat\$4 number\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:13
S61	6	(reciver\$1 recipient\$) near10 audio\$1 near10 stream\$1 near10 (id identificat\$4 number\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/17 17:13
S65	1	10/676139	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 18:31
S64	0	("10676139").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/17 18:31
L1	226	370/362.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:00

## EAST Search History

L3	137	370/364.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:03
L2	117	370/363.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:03
L5	405	370/384.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:07
L4	52	370/365.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:07
L6	157	370/385.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:08
L7	118	370/395.62.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:09
L8	320	370/486.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:11
L14	2040	(s\$1pdf aes3 spi) and (codec (encod\$4 and decod\$4)) and (clock\$4 synchroniz\$4 tim\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:13

## EAST Search History

L13	177857	(codec (encod\$4 and decod\$4)) and (clock\$4 synchroniz\$4 tim\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:13
L10	186	370/489.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:14
L16	470	370/493.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:16
L20	72	370/504.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:17
L19	20	17 and 14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:17
L17	2625	370/503.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:17
L22	435	370/506.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:18
L21	219	370/505.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:18

## EAST Search History

L24	241	370/508.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:21
L23	203	370/507.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:21
L18	568	17 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:21
L26	243	25 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:27
L25	1839	370/509.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:27
L31	140	370/513.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:39
L30	143	370/512.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:39
L29	27	370/511.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:39

## EAST Search History

L28	86	27 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:39
L27	546	370/510.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 14:39
L34	356	341/110.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:00
L33	154	32 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:00
L32	540	370/514.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:00
L35	1868	700/121.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:01
L38	169	37 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:02
L37	1666	710/8.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:02



## EAST Search History

L36	36	35 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:02
L42	261	712/35.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:10
L41	139	712/33.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:10
L39	1345	710/22.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:10
L44	178	375/353.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:14
L43	148	712/41.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:14
L40	258	39 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:14
L48	235	47 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:16

## EAST Search History

L47	1089	375/355.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:16
L46	381	45 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:16
L45	3492	375/354.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:16
L52	195	51 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:17
L50	181	49 and 13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:17
L49	1266	375/356.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:17
L53	361	381/20-23.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:21
L51	1396	713/400.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:21

## EAST Search History

L56	89	broadcom.as. and 14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:22
L55	0	KLINGLER-KEITH.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:22
L54	3	TRAN-SANG.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:22